# (19) World Intellectual Property Organization International Bureau



### 

### (43) International Publication Date 7 July 2005 (07.07.2005)

#### PCT

## (10) International Publication Number WO 2005/061364 A1

(51) International Patent Classification<sup>7</sup>: 7/18, B65D 1/02

B67B 7/16,

(21) International Application Number:

PCT/BR2004/000256

(22) International Filing Date:

21 December 2004 (21.12.2004)

(25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data:

PI 0306409-3

9-3 22 December 2003 (22.12.2003) BR

(71) Applicant and

(72) Inventor: MOLES, João Carlos [BR/BR]; AV. Anhanguera nº. 6577 - Setor Oeste, 74110-010 Goiânia - Goiás (BR).

(74) Agent: SILVA, Wagner José; Rua 260 n°. 269 - Setor Universitário, 74610-240 Goiânia (BR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG).

#### Declaration under Rule 4.17:

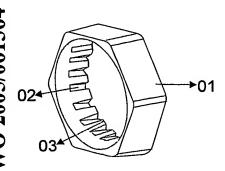
of inventorship (Rule 4.17(iv)) for US only

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SCREW-OFF TOP EXTRACTOR



(57) Abstract: "SCREW-OFF TOP EXTRACTOR" refers to the present extractor as a piece manufactured with disposable and low cost materials, to be placed on bottle-necks of screw-on beverages bottles, with screw threads on the bottle neck; this extractor has internal slits (02) to incase in the external slits of the tops and facilitate the unscrewing of the top of the beverage bottle. The present extractor internal wall is made from top to bottom in a conical form (03) permitting a sure fitting on the bottle neck.